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RURAL DISTRICT COUNCIL OF
CLUTTON

ANNUAL REPORTS

OF THE

Medical Officer of Health

AND THE

Senior Public Health Inspector

For the Year 1964



THE ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH.
FOR THE YEAR 1964.

Madam Chairman, Ladies and Gentlemen,

I have the honour to present my report as Medical Officer for the year 1964.

It seems important to place on record the salient features of the six confirmed cases of Typhoid which occurred in a school party which visited Blanes on the Costa Brava, Spain, in March and April 1964. Three of the children were resident in this rural district. The disease in each case was relatively mild. The dates of onset of illness in the confirmed cases ranged from the 19th April. Some of them were seen for the first time on the 24th April - the prodromic stage being largely free of severe symptoms. It was not possible to say with certainty where and when the disease was acquired. Three of the children lived in the Long Ashton area and all of them were pupils at the Chew Valley Secondary School. Fortunately the disease was diagnosed relatively early and there were no deaths.

It is of interest to note that Salmonella Typhii was isolated in a sewer swab from the effluent at the Secondary School running into the River Chew downstream of the dam on the 1st June.

These cases presented a number of problems when they were first seen. The source of infection might have been anywhere between Spain and England. So much depends on an accurate knowledge of the incubation period of typhoid. It is not known with certainty. What is more, as in the Aberdeen outbreak, there is some mental confusion at the onset of the illness which makes it very difficult to receive accurate answers from the patient.

Source of Infection.

It may have come from the water supply or food. The carrier of the disease could have been a food handler in Spain, France or at home in England. The problem resolved itself by routine "police work" by Mr. Powell and the Public Health Staff. They visited everyone including the relatives of everyone who had been on this trip - on the day the diagnoses of typhoid was made. It was an enormous task but everyone was seen and the appropriate authority notified. At the same time we received the free co-operation of the Public Health Authorities of Bristol, Somerset etc. The examination of the enormous numbers of specimens at the Public Health Laboratories in Bristol and Bath was admirable. The advice of Dr. Cayton and Dr. Paul Mann - the Directors - was freely given and greatly appreciated by both myself and the Public Health Staff.

Finally one must express appreciation of the valuable co-operation of the Chew Valley School Staff who gave us so much of their time and also the Medical and Nursing Staff of the Ham Green Hospital who looked after the patients.

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Conclusions.

(1) A typhoid epidemic is not to be desired by any Public Health Administration at any time.

(2) Living in the Chew Valley with so much public water supply about we were fortunate that the epidemic was brought under control so rapidly.

(3) One hesitates to even guess what might have happened if the River Chew had been contaminated upstream of the Chew Valley Lake.

Means of Prevention

(1) Insisting on typhoid, paratyphoid A. & B. immunisation of people going abroad.

(2) Educating children in simple hygiene such as washing hands after use of the w.c.

(3) Better hand washing facilities in public lavatories.

(4) Regular tests on food handlers in order to make sure they are not innocent carriers of the disease.

SECTION 4

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

E. Jones, M.R.L.S., L.R.C.P.	...	Medical Officer of Health (part time)
F.C. Powell, M.A.P.H.I.	...	Chief Public Health Inspector.
W. Kerley, M.A.P.H.I.	...	Deputy Chief Public Health Inspector.
A.D. Solomon, M.A.P.H.I.	...	Additional Public Health Inspector.
D.A.J. Herbert, M.A.P.H.I.	...	Additional Public Health Inspector.

COMMITTEES CONCERNED WITH MATTERS OF PUBLIC HEALTH

Public Health Committee.
Housing Committee.
House Letting Committee.

VITAL STATISTICS

Estimated Mid-Year Home Population: 18,820

Area Comparability Factors:

Births:	1.08
Deaths:	0.92

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DEATHS

The number of deaths totalled 218, one hundred and twenty-two male and ninety-six female. The following Table indicates the cause of death.

of death.	CAUSE OF DEATH	Sex.	Total All Ages	Under 4 weeks	4 weeks & under 1 year	AGE IN YEARS									
						1-	5-	15-	25-	35-	45-	55-	65-	75 & over	
	Tuberculosis, Respiratory	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
	Malignant Neoplasm, Stomach	M	2	-	-	-	-	-	-	-	-	-	1	1	
		F	2	-	-	-	-	-	-	-	-	-	-	2	
	Malignant Neoplasm, Lung, Bronchus	M	8	-	-	-	-	-	-	1	3	2	2	2	
		F	1	-	-	-	-	-	-	-	1	-	-	-	
	Malignant Neoplasm, Breast	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	3	-	-	-	-	-	-	-	-	2	-	1	
	Other Malignant & Lymphatic Neoplasms	M	8	-	-	-	-	-	1	-	3	1	3	3	
		F	12	-	-	-	-	-	-	-	4	4	4	4	
	Leukemia, Aleukemia	M	1	-	-	-	-	-	-	1	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
	Diabetes	M	1	-	-	-	-	-	-	-	-	1	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
	Vascular Lesions of Nervous System	M	16	-	-	-	-	-	-	-	3	4	9	9	
		F	11	-	-	-	-	-	-	-	1	2	8	8	
	Coronary Disease, Angina	M	23	-	-	-	-	-	-	-	6	11	6	6	
		F	14	-	-	-	-	-	-	1	1	3	9	9	
	Hypertensions with Heart Disease	M	3	-	-	-	-	-	-	-	1	2	-	-	
		F	1	-	-	-	-	-	-	-	-	1	-	-	
	Other Heart Disease	M	14	-	-	-	-	-	-	-	2	1	11	11	
		F	21	-	-	-	-	-	-	2	1	2	16	16	
	Other Circulatory Disease	M	8	-	-	-	-	-	-	-	4	3	1	3	
		F	4	-	-	-	1	-	-	-	-	-	3	3	
	Influenza	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	1	-	-	

DEATHS - continued

CAUSE OF DEATH	Sex.	Total All Ages	Under 4 weeks	4 weeks & under 1 year	AGE IN YEARS									
					1-	5-	15-	25-	35-	45-	55-	65-	75 & over	
Pneumonia	M	5	-	-	-	-	-	-	-	1	-	3	1	
	F	3	-	-	-	-	-	-	-	-	2	-	1	
Bronchitis	M	6	-	-	-	-	-	-	-	-	2	2	1	
	F	6	-	-	-	-	-	-	-	1	-	4	1	
Other Diseases of Respiratory System	M	8	-	-	-	-	-	-	-	-	1	5	2	
	F	2	-	-	-	-	-	-	-	1	-	-	1	
Ulcer of Stomach and Duodenum	M	3	-	-	-	-	-	-	-	-	1	-	2	
	F	1	-	-	-	-	-	-	-	-	-	-	1	
Congenital Malformations	M	2	1	1	-	-	-	-	-	1	-	-	-	
	F	2	-	-	-	-	-	-	-	-	-	-	-	
Other Defined and Ill- defined diseases	M	5	-	-	-	-	-	-	1	-	1	1	2	
	F	11	-	-	-	-	-	-	1	-	1	1	7	
Motor Vehicle Accidents	M	3	-	-	-	1	-	-	-	1	2	-	-	
	F	3	-	-	-	-	-	-	-	-	-	-	-	
All Other Accidents	M	3	-	-	-	-	-	-	-	-	1	2	-	
	F	1	-	-	-	-	-	-	-	-	-	1	1	
Suicide	M	2	-	-	-	-	-	-	-	-	-	1	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	
Total All Causes	M	122	-	-	-	1	1	1	2	4	30	40	43	
	F	96	1	1	-	1	1	1	-	6	11	20	55	

continued ..

	M A L E S			F E M A L E S		
	Total	Legit.	Illegit.	Total	Legit.	Illegit.
Live Births	183	172	11	151	146	5
Still Births	4	4	-	2	1	1
<u>Deaths of Infants</u>						
Under 1 year of age	-	-	-	2	2	-
Under 4 weeks of age	-	-	-	1	1	-
Under 1 week of age	-	-	-	-	-	-

NOTIFIABLE DISEASES


DISEASE	Total Cases Notified
Measles ...	44
Scarlet Fever...	1
Puerperal Pyrexia	2
Meningococcal infection	-
Dysentery	-
Whooping Cough	22
Acute primary pneumonia	-
Acute influenzal pneumonia...	8
Acute poliomyelitis	-
Erysipelas	2
Food poisoning	-
Tuberculosis (respiratory)...	1
" (non-respiratory)...	-
Diphtheria	-
Membranous croup	-
Enteric and paratyphoid fever	-
Ophthalmia neonatorum	-
Acute encephalitis	-
Typhus	-
Typhoid fever	3
Smallpox	-
Cholera	-
Malaria	-
Plague	-
Brucellosis	1
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I have the honour to remain

Ladies and Gentlemen,

Your obedient Servant,

EDWARD JONES, M.R.C.S., F.R.C.P.



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CLUTTON RURAL DISTRICT COUNCIL

Population Estimated Mid-Year	...	18,220
Area of the District	...	43,225 acres.
Number of Houses Inhabited according to rate books	...	6,147
Average number of persons per house...		2.96
Sum Represented by a Penny Rate 1964-65	...	£1,982.
Rateable Value at 1st April 1964	...	£474,060

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REPORT OF THE PUBLIC HEALTH INSPECTOR,
FOR THE YEAR 1964

Madam Chairman, Ladies and Gentlemen,

I have pleasure in presenting my eighth Annual Report and Summary of the sanitary conditions of the area.

The work carried out in the Health Department during the year ending 31st December, 1964, is detailed under the various subject headings which follow:

WATER SUPPLY

- (a) The Bristol Waterworks supply mains water throughout all twenty three parishes. Minor extensions were carried out to supply small groups of properties not previously supplied.
- (b) Quarterly sampling for bacteriological examination and annual sampling for chemical analysis gave satisfactory results.

SEWAGE AND SEWAGE DISPOSAL.

The Chilcompton (Stage 1) scheme was nearing completion at the end of the year, during which extensions to the sewers were made to allow the National Coal Board chalets at New Rock and properties en route to be served over and above the original scheme.

The larger works have continued to operate satisfactorily with the exceptions of Paulton where trade effluent problems were acute and Clutton where overloading is becoming an increasing problem.

Sixty-seven samples of effluent were submitted to the Laboratory for analysis.

A new cesspool emptier was delivered in December and will empty private cesspits in addition to the Council's estate plants.

REFUSE

A weekly collection of household refuse was carried out throughout the area with very few complaints and these mainly resulting from vehicle breakdowns. The British Road Services' vehicles were in their eighth year of operation.

Controlled tipping continued at Goosards Bridge with good work being done by the Bristol Duplex Tractor.

HOUSING

Number of dwelling houses in the district	...	6,147
Dwellings owned by the Council	...	1,482
Old People's dwellings owned by the Council	...	112
Applicant's on the Housing List	...	358
Houses erected during the year by the Council	...	53
Houses erected by Private Enterprise	...	99
Houses made fit	...	73
Houses in course of erection by the Council	...	58
Houses in course of erection by Private Enterprise	...	122
Dwellings gained by conversion by Private Enterprise	...	2
Houses demolished or closed during the year	...	49
Houses demolished or closed since 1955	...	509

IMPROVEMENT GRANTS

DISCRETIONARY

RECEIVED		APPROVED	
Applications	No. of Dwellings	Applications	No. of Dwellings
27	29	27	29

Applications approved in respect of owner/occupiers	...	11
Average cost per dwelling	...	£1,257
Average grant paid by Local Authority	...	£297.(average)

STANDARD

Applications received	34
Applications approved	34
Standard amenities were provided in 49 properties.			

INSPECTION AND SUPERVISION OF FOOD

MILK

All milk sold in the area is designated. Twelve distributors are operating, nine of whom have dairy premises within the district. Two investigations were necessary where *Brucella Abortus* was found to be present in milk and informal action safeguarded the supplies.

ICE CREAM

There were eighty-four premises registered under the Food and Drugs Act for the retailing of ice cream, all of which is pre-packed.

OTHER FOOD PREMISES.

Number of routine inspections	63
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Several cases of foreign bodies in food sold within the district were investigated. There were no prosecutions but warning letters were sent to the firms concerned.

MEAT INSPECTION

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Carcases and Offal inspected and condemned in whole or in part during year:-

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed(if known)	2648	2725	336	14939	16339	222
Number inspected	2648	2725	336	14939	16339	222
<u>All diseases except Tuberculosis and Cysticercosis.</u>						
Whole carcasses condemned	4	35	12	139	82	3
Carcasses of which some part or organ was condemned	287	886	1	1485	841	34
Percentage of the number inspected affected with disease other than tuberculosis & cysticerci	109%	33.7%	3.6%	10.8%	5.7%	16.7%
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	5	-
Carcasses of which some part or organ was condemned	1	3	-	-	188	-
Percentage of the number inspected affected with tuberculosis	.03%	.01%	-	-	1.1%	-
<u>Cysticercosis</u>						
Carcasses of which some part or organ was condemned	12	9	-	-	-	-
Carcasses submitted to treatment by refrigeration	12	9	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-
<u>Weight of meat condemned (in lbs.) for:-</u>						
(a) Tuberculosis	34	72	-	-	2239	-
(b) Cysticercosis	-	-	-	-	-	-
(c) Other	1620	15197	334	4486	9187	1657
Total (in lbs.)condemned	1654	15269	334	4486	11426	1657

CANNED FOODS

The following canned foods were condemned during the year:-

MEAT: 17 $\frac{1}{4}$ lbs.

FRUIT & VEGETABLES: 107-lbs.

FISH: 4 $\frac{1}{2}$ lbs.

MILK: 4 pints.

PUBLIC HEALTH INSPECTIONS

Meat inspections at Slaughterhouses	...	2,184 (approx.)
Food inspections in premises other than slaughterhouses	...	69
Investigations of nuisances	...	79
Caravan sites	...	44
Infectious diseases	...	218
(including the Typhoid cases at Chew Valley School).		

Miscellaneous

Housing Surveys	...	238
Folio 20 - eligible for rehousing	...	50
Housing complaints - repairs etc.	...	118
Improvement grants in progress	...	451
Sewage and sewage disposal	...	551
Loans to purchase - surveys	...	67
Water supply	...	27
Milk and Ice cream	...	3
Petroleum	...	39
Rodent complaints(not official operator)	...	28
Animal Boarding Establishments	...	9
Clean Air Surveys	...	15

CARAVANS

Number of individually licensed caravans	...	25
Number of licensed caravan sites	...	Nil.

A good standard is maintained on most of the individual sites where almost all are owner/occupied.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1964

Forty inspections were carried out under the above Act and Informal Notices served where necessary.

CLEAN AIR ACT.

Informal Action in respect of a dust nuisance was taken but will have to be followed up to prevent recurrence.

PEST CONTROL

One full time operator is able to cope with complaints of infestation but has little time for organised survey.

DISEASES OF ANIMALS (WASTE FOODS) ORDER, 1957

The total number of licensed operators at the end of the year was four, all of which were regularly inspected. One plant gave trouble from smell but it is hoped that this problem has now been overcome.

APPENDIX
FACTORIES ACT, 1961

Prescribed Particulars on the Administration of the Factories Act, 1961

PART 1 OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Inspections (3)	Number of Written Notices. (4)	Occupiers Prosecuted. (5)
(i) Factories in which Sec.1,2,3,4 & 6, are to be enforced by Local Authorities.	3	-	-	-
(ii) Factories not includ. in (i) in which Sec.7 is enforced by the Local Authority	68	13	-	-
(iii) Other Premises in which Sec.7 is enforced by Local Authority (excluding out-workers premises).	-	-	-	-
Total	71	13	-	-

CASES IN WHICH DEFECTS WERE FOUND

<u>Particulars</u> (1)	<u>Number of cases in which defects were found</u>				<u>Number of cases in which prosecutions were instituted.</u> (6)
	<u>Found</u> (2)	<u>Remedied</u> (3)	<u>Referred to H.M.I.</u> (4)	<u>Referred by H.M.I.</u> (5)	
S.1 Want of Cleanliness	-	-	-	-	-
S.2 Overcrowding	-	-	-	-	-
S.3 Unreasonable temperature	-	-	-	-	-
S.4 Inadequate ventilation-Ineffective drainage of floors	-	-	-	-	-
S.7 <u>Sanitary Conveniences</u>					
(a) Insufficient	1	1	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not sep. for sexes	-	-	-	-	-
Other offences against the Act (Not incl. offences relating to Outwork)	-	-	-	-	-
Total	1	1	-	-	-

PART VIII OF THE ACT

OUTWORK

(SECTIONS 133 and 134)

Sections 133				Section 134		
Nature of Work.	No. of outworkers in Aug. list in Aug. list reqd. by Sec. 133(1)(C)	No. of cases of default in sending lists to the Council.	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices Served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing) Making Apparel) etc.	9	-	-	-	-	-
Total	9	-	-	-	-	-

In conclusion I offer my thanks again to all members of the office and outside Staff for their loyal work throughout the year.

I have the honour to be

Ladies and Gentlemen,

Your obedient Servant,

F. C. POWELL.

